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F 1

Opthalmic state of fever.

Op



Willis

✓ 1. as occurring in the French Army that  
besieged Ehrenbreitstein during the last  
war in the year 1799. <sup>also it occurred</sup> Dr. Coxe - It  
was marked excitement beyond inflamm<sup>n</sup>.  
I called it formerly a dry ophthalmia.



On the morbid state of fever

I include in what <sup>it</sup> is ~~is~~ the morbid  
excitement in the eyes - whether it  
affects their coats, membranes, or  
the <sup>or substance</sup> their lids. I refer you to authors for  
the names of disease in each of the  
above parts. The worst cases of it  
are <sup>the</sup> without inflammation but these seldom  
occur owing to the facility which the  
red blood presses into the serous vessels of  
the eyes. I have seen it. - It is described by <sup>Dr</sup> ~~Dr~~

The remote and existing causes are  
1 all the causes of fever, particularly  
marsh miasmata, hence that it often  
prevails, when bilious fevers are epidemic.  
Mr Hawkins the traveller into Africa



+ 217 <sup>English</sup> soldiers who had served in Egypt during the late war returned blind to their native country. Other causes concurred to induce it to be mentioned frequently. Cairo which is one of the most filthy cities in the world. # See below

✓ # well known, bilious interstines are always endemic. © See below

# Let us are reflections <sup>light</sup> of heat from the sand - fine particles of sand getting into the eyes <sup>also</sup> the juice of ~~onions~~ onions on which they have acting in the # away! Asellian ascribes the <sup>chiefly</sup> it occurs to the atmosphere. The heat <sup>light</sup> predisposes to it. © I once attended a Mr Heslin in 1800 in whom it suddenly went off on the 5<sup>th</sup> day with a chill & fever. Bil. Fever was then prevalent in the city.

♀ hence windows & prisons much exposed to the heat & light are most predisposed to it.

# I say from the pores. To this cause likewise Asellian ascribes it in Egypt. Hence it occurs. After the cool nights of that hot



says it accompanies the Dysentery in  
 that Country. ~~Perhaps this is the~~ <sup>It's</sup> ~~fever~~ <sup>is</sup> ~~in part~~ <sup>in part</sup> ~~owing to~~ <sup>owing to</sup> ~~proliferation~~ <sup>proliferation</sup>  
 in Egypt ~~It often follows the plague, & when it is attended with~~  
 exhalations. Volney says it is 20 common  
 at Grand Cairo, that out of 100 persons whom  
 he met in the street, 20 were blind, 10  
 had but one eye, and <sup>in</sup> the remaining  
 70 the eyes were inflamed, purulent,  
 or affected by some blemish. ~~It is~~ <sup>It is</sup> ~~depressed~~ <sup>depressed</sup>  
 2 ~~causes~~ <sup>causes</sup> a general determination of blood to  
 the head from fever of any kind. It  
 occurs: the fever of moist cold  
 weather according to Dr Huxham. It was  
 once epidemic from a fever <sup>among</sup> the children the bettering house.  
 3 Acid matter translated to the eyes  
 whether from the liver, small pox or  
 measles, or pores. #  
 4 Diseases in other parts of the body



Country. He calls it very happily a Contra  
of the ~~of~~ eyes. — He denies that sand — various  
~~is~~ ~~in~~ ~~not~~ ~~to~~ He was under  
it general — and adduces many facts to  
prove it. — Two causes <sup>chiefly</sup> ~~and~~ ~~that~~  
~~propagation~~ translated to the eyes, <sup>and</sup> ~~that~~  
<sup>not more fully & rarely —</sup> ~~to be mentioned presently.~~

✓ This is so true — that it common to  
say in Egypt — "Strick — blinds"

<sup>thus</sup>  
+ It is brought on by reading in a  
Carriage, or on horseback. <sup>the Mrs. M<sup>r</sup></sup> Westley injured  
his eyes in the latter way. Should be  
avoided.



connected by <sup>3</sup>aparted motions with  
the ~~eyes~~ <sup>eyes</sup> derived from nature, or  
acquired by accident. <sup>Bite in the stomach</sup>  
<sup>the rest of the</sup> ~~the rest of the~~ <sup>finger</sup> ~~finger~~ <sup>poisoned by it.</sup>  
5. Certain <sup>effluvia</sup> ~~effluvia~~ which act chemically,

or mechanically upon the eyes. The  
former are Smoke, the fater of privies,  
the Juice of Onions - and the Volatile  
matters emitted from putrefying <sup>substances</sup>  
The latter are <sup>hairs</sup> ~~hairs~~ & dust, & the pollen of plants.  
this disease is produced by the fine particles  
of Oysters & Clam shells which are broken  
in its struts. Sand often induces it in  
Grand Cairo. The pollen of plants in Kentucky  
& Salt dust and little insects <sup>the new countries</sup> Clophorn says in <sup>in spring</sup>

6 The reflection of Light from the snow,  
& from white sand, or Soil of any  
kind. This acts in Egypt.

7 Excess of light in reading or working.



not  
✓ This should be applied too soon. It induces  
reaction, and increases the disease.

• To derive the utmost advantage  
from this remedy <sup>any</sup> <sup>it brought benefit</sup> <sup>used to</sup>  
Oblige his patients to sit with their feet  
in <sup>gold</sup> ~~purple~~ water while <sup>the cold water</sup> it was applied  
by means of cloths applied to the eyes.  
It probably acted by inducing a general  
rigor which denied the blood from all  
the external parts of the body. ~~It must~~  
# ~~be applied too soon - it was of no effect in~~  
To remove all its existing causes.

2 To reduce morbid excitement ~~by~~ —

3 To give tone to the eyes. —  
<sup>viz. existing causes.</sup>

The ~~first~~ <sup>first</sup> have been enumerated. To the  
second Indication belong 1.

○ A regard should be had to climate  
in the use of this remedy. General  
It was hurtful in Egypt — local bleeding  
only useful. — In our climate if the pulse be  
existed general or sub-acute local <sup>for reasoning</sup> <sup>primarily mental</sup>



8 Excess of exercise in the Use of the eyes  
in reading or sewing, or working by  
Candle light, more especially this magnifying  
glasses.

9 Great heat - hence Cooks & men  
who work near by fire are often affected  
by it. The hot wind of India brought it  
on, in Mrs Bruce. 10 Dumbness. 11 Excess in  
drinking.

12 Strokes & blisters & wounds, & in

the eyes. 13 Dews of night & air.

The indications of the disease are

1 Dizziness for days, weeks & months, & even the light  
of a fire especially of coal or mercury.  
2 V. General & local. The last by  
Crops - leeches, & Scarification of the  
temples & around the eyes. The more  
necessary as the eyes get so much out of the circulation.

3 gentle purges. Gentle purged. 4 low  
very low diet.

5 Blisters to the neck, behind the ears, and to  
the temples. also Caustics.

6 Cold water & 6 Removing all its coating  
by poultices of bread & milk.



+ Dr Whyt the physician of the army of Egypt speaks highly of the following Collyria.

1 dr Cor. sub:  $9^2$  vi  $4^2$  dr fort: a  $\frac{1}{2}$  to be applied by a rag to the Eye.

2 dr <sup>with</sup>  $6^2$   $6^2$  mixed dr fort: a  $\frac{1}{2}$  in  $2^2$  - do

3 alum, or white Zi ag:  $4^2$  do

4 Salt water. Dr Guthrie mentions a <sup>a cure</sup> in a letter to Dr Duncan in an Artist in whom the Disease was induced by overstretching his eyes this a magnifier by the Vapor of Turpentine accidentally conveyed to his eyes by <sup>his wife</sup> when from an inverted hair - the

extraction of it, - ~~the~~ <sup>the</sup> when from particles of Iron in the external Coat of the eye - a Needle, or lodestone.

Dr Scarpa says when from the Gonorrhoea, by irritating the Urethra by Injections - or Bougies - or Stimulating Applications to the perineum.

\* Dr Scarpa comments No Vit: Rom: Pol  
Ammon. a p. O. Compsh:  $1/4$  in powder Zi to  
aq: bulliant  $4^2$  - fills it to Zi. add aq pur Zi  
insert it between eyelids 2 or 3 times a day. -



To the 3<sup>rd</sup> Indication belong, 5  
After morbid action is subdued in  
part, stimulating applications to the  
eyes, beginning with such as are gentle.

1 Wine & water. 2 Brandy or Sp<sup>o</sup> & water.  
Vinegar and water - weak spirit of <sup>fragrant</sup> ~~fragrant~~ <sup>essence of</sup> ~~essence of~~ <sup>water</sup> ~~water~~  
2 Infusions of Oak Galls - or Peruvian  
Bark. 3 Salt & water. 4 Lead water. 5 an

eye water thus made. R Vit. Alb. Zi Sac.

Saturii Zi Ag: <sup>℥ij</sup> Wm Allen's Recipe.

He used Snow water. 6 Op<sup>i</sup> Zi Galls Zi  
Ag Zi mix a little of it to be dropped in  
the eye. Infusion of Digitalis. Commanded by

Dr Rismann of Hamburg. Other <sup>comes by</sup> ~~comes by~~ <sup>on water</sup> ~~on water~~  
where an acid humor is poured on  
if opposite ulcers.

the eye from the eye lids, or when the  
truss become so, the following Demulcent  
Collyria Applications have been found  
useful. Quince seed bruised in water.  
The pith of Jassabras, & the fine powder  
of Lap: Cal: mixed with fresh butter. V  
or Citron ointment - or castor oil.



✓ When it is the effect of a translocation of morbid action, the original disease should be induced. If from Dysentery - purges & ~~meds~~ should be employed - If from suppression or retrocession of cutaneous discharges, or eruptions, - they should be brought back again by the remedies for that purpose. If from Gout - Blisters to the Ankles & over the great toe. If from Gonorrhoea - by irritating injections - bougies or irrit. Applications to the perineum. I have lately heard of a Chronic Ophthalmia being cured by an attack of inflammation. Perhaps an artificial fever might be excited where the disease is local with the same salutary effect. It owes its peculiar obstinacy in many cases to its being an insulated disease. By exciting an artificial inflammation we divide its force by diffusing it.



6

When this disease resists all the  
above remedies & applications,  
It cured Mrs Bryant radically.  
& a Salivation. This is indispensably  
necessary when it arises from venereal  
virus.

When it accompanies an tumoral  
process - Bark shd be given, especially  
when it puts on periodical paroxysms.

D. Campbell says he has cured it by  
a few Opium pills after every common  
Remedy had been used to no purpose.  
Dewees says the Egyptian Opthalmia yields frequently  
to this remedy without digestion.

~~The new mode of treatment is to say he~~  
~~lyctics shd be~~  
~~has known since employed to success~~  
Stomach is affected; also  
in it in obstinate cases where the whole system  
is affected. brought into action.  
In Chronic Cases where a feeble action  
takes place, BARK - Steel & exercise  
shd be employed, especially where the  
whole system is affected. ✓



I have not a relative all in England  
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7  
To prevent a relapse all its exciting  
causes should be avoided. Fact of  
hickey fire at Yensy College.

I need hardly add of how much consequence  
it is to attend early, & closely to an infl.<sup>n</sup>  
in the eyes. When neglected, and not treated  
properly it often ends in blindness from  
<sup>or filling,</sup> Amaurosis & Cataract ~~etc~~ & sometimes  
Suppuration, or such Ulcers in its coats  
as end in Cancer & Death.

Hickey fire.











